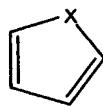
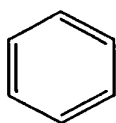
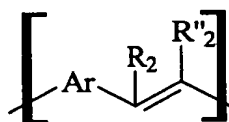
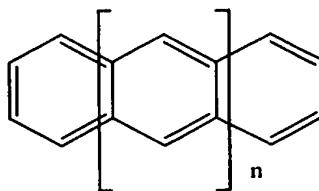


CLAIMS:

1. An electronic device provided with an active element having a first and a second electrode, which are separated from each other by an active layer containing a semiconductive or electroluminescent organic material, characterized in that the organic material of an active layer is a polymer comprising conjugated conjugation units which are separated from each other by non-conjugated intermediate units B in such a manner that the conjugation of the first and the second conjugation unit A_1 , A_2 is interrupted in an intermediate unit B_1 .
2. An electronic device as claimed in claim 1, characterized in that the polymer is polymer network comprising a first and a second main chain which are interconnected via side chains, a side chain containing a B_1 - A_1 - B_2 structure, with B_1 , B_2 being intermediate units and A_1 being a conjugation unit.
3. An electronic device as claimed in claim 1, characterized in that the polymer is a copolymer comprising a main chain, the intermediate units B and the conjugation units A being present in the main chain as alternating units \dots - A_1 - B_1 - A_2 - B_2 - \dots .
4. An electronic device as claimed in claim 1, characterized in that the polymer comprises a main chain with side chains, a side chain containing a B_1 - A_1 - B_2 - structure, wherein B_1 , B_2 are intermediate units and A_1 is a conjugation unit.
5. An electronic device as claimed in claim 1, characterized in that the intermediate unit B_1 comprises a mesogenic group.
6. An electronic device as claimed in any one of the preceding claims, characterized in that the conjugation unit is a unit of formula Y_n , wherein $2 \leq n \leq 8$ and Y is selected from the group composed of



X =, NH, S, O



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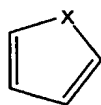
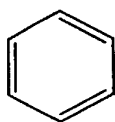
wherein

- Ar is an aromatic ring system with 4 to 6 carbon atoms that may be substituted with a
 10 substituent selected from the group composed of an unbranched C₁-C₂₀-alkyl-, C₃-C₂₀-
 alkoxy-, C₁-C₂₀-alkylsulphate-, a branched C₃-C₂₀-alkyl-, phenyl or benzyl group, and that
 may comprise up to 4 heteroatoms selected from the group composed of oxygen, sulfur and
 nitrogen in the aromatic ring system, and
 R₂ and R'₂ are selected from the group composed of a hydrogen atom and a C₁-C₂₀alkyl- and
 15 a C₄-C₂₀-aryl group, which groups may comprise substituents.

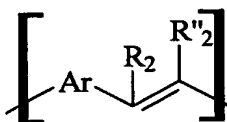
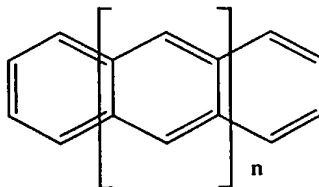
7. An electronic device as claimed in claim 1, characterized in that a second
 active element is present, which contains a first and a second electrode which are mutually
 separated by the active layer, and in that the active layer has a relief structure, so that the
 20 active layer between the first and the second active element is removed.
8. An electronic device as claimed in claim 1 or 7, characterized in that the active
 element is a transistor wherein a third electrode is present which is separated from the active
 layer by a dielectric, and wherein the active layer comprises an intrinsic, undoped
 25 semiconductive material.
9. A method of preparing a polymer comprising conjugated conjugation units A
 and non-conjugated intermediate units B, an intermediate unit B₁ mutually separating a first
 and a second conjugation unit A₁, A₂ in such a manner that the conjugation of the first and
 30 the second conjugation unit A₁, A₂ is interrupted in the intermediate unit B₁, characterized in

that the polymer is prepared from a monomer having a $B_1-A_1-B_2$ structure, wherein at least one of the groups B_1 , B_2 comprises a reactive end group.

10. A monomer having a $B_1-A_1-B_2$ structure, wherein A_1 is a conjugated unit
 5 of formula Y_n , wherein $2 \leq n \leq 8$ and Y is selected from the group composed of



$X = \text{NH, S, O}$



10

wherein

- Ar is an aromatic ring system with 4 to 6 carbon atoms that may be substituted with a
 15 substituent selected from the group composed of an unbranched C_1 - C_{20} -alkyl-, C_3 - C_{20} -alkoxy-, C_1 - C_{20} -alkyl sulphate-, a branched C_3 - C_{20} -alkyl-, phenyl- or benzyl group, and that may contain up to 4 heteroatoms selected from the group composed of oxygen, sulfur and nitrogen in the aromatic ring system, and

- R_2 and R'_2 are selected from the group composed of a hydrogen atom and a C_1 - C_{20} -alkyl- and
 20 a C_4 - C_{20} -aryl group, which groups may comprise substituents, and wherein B_1 , B_2 are non-conjugated groups.

11. A method as claimed in claim 9, characterized in that the monomer used is the monomer as claimed in claim 10.

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12. A polymer that can be obtained by means of the method as claimed in claim 9.